

NEWS

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UNIVERSITY OF ILLINOIS

BATEMAN RETIRES

Professor H. Paul Bateman has retired from the University of Illinois Agricultural Engineering Department after 32 years of service. The Board of Trustees has bestowed upon him the title of Assistant Professor, *Emeritus*, effective September 1, 1968.

Paul grew up on a farm near Mansfield, Illinois and was one of two students who received the first BS degrees in Agricultural Engineering from Illinois in 1934. Later, he also earned an MS in Mechanical Engineering.

From 1934 to 1936, he worked with the Soil Conservation Service. Then, he joined the University staff to work on a Bankhead-Jones project on the efficient use of farm machinery. This study produced some of the first information on realistic rates and costs of performing field operations.

Professor Bateman has had responsibilities in both teaching and research. He taught Agricultural Engineering courses in machine mechanisms and farm machinery management. During World War II, he also taught diesel engine principles and engineering drawing to Army and Navy students.

His research has included tractor maintenance and sunflower and corn harvesting. However, he is best known for his work on tillage for corn. Many of the present concepts of minimum tillage were tried by Professor Bateman on the Agricultural Engineering Farm, and the results were passed on to farm machinery designers and product planners.

Professor Bateman has been a member of ASAE since 1935, and he has been active on the Soil Compaction and Cultural Practices Committees. On June 8, he married the former Lorennie Berry. He and Mrs. Bateman live at 1203 Newbury in Champaign.

DEPARTMENTAL ACTIVITIES

Several members of the Department attended the 61st Annual Meeting of the American Society of Agricultural Engineers, held at Utah State University in Logan, Utah. Dr. G.E. Hall presented a paper entitled "Corn Kernel Cracking Induced by Mechanical Shelling." R.L. Bengtson, MS '67, Professor C.J.W. Drablos, and Dr. B.A. Jones, Jr., '49, '50, and '58, were joint authors of a paper entitled "A Method for Distributing Drainage Assessments." Professor B.J. Butler, '48 and '49, presented a paper on the "Use of Spray Adjuvants to Reduce Drift." L.D. Nagreski, '66 and '67, and Dr. J.O. Curtis, '47 and '48, were the joint authors of a paper entitled "Design Criteria for Anchor Bolts in Unreinforced Concrete."

Professor F.W. Andrew, '38 and '47, and Professor J.A. Weber '42 were two of the eleven members of the Society elected to the grade of Fellow during 1967-68.

Two of the seven papers given 1967-68 ASAE awards were written by members of the Department. Dr. J.O. Curtis, '47 and '48, and J.D. Bradley, '62 and '64, were joint authors of the winning paper, "Stresses in Plywood Gusset Plates for Trusses." Dr. R.R. Yoerger and R.E. Reints, Jr., '60 and '63, were recognized for the manuscript entitled "Bridging the Gap with a General Purpose Analog."

Several Educational Aids Blue Ribbon Awards were presented to members of the Department. Professor A.J. Muehling '50 received a publications award for the circular "Farrowing Houses for Swine," as well as a slides and filmstrip award for the series "Confinement Systems for Swine." Dr. D.R. Hunt received a models and instructive displays award for "Machinery System Selection."

ALUMNI NEWS

Leroy K. Pickett, MS '62, has accepted a position on the staff of the Department of Agricultural Engineering at Michigan State University. Leroy, a Kansas State graduate, was employed by Allis-Chalmers before returning to graduate school at Purdue University.

Dr. James B. Allen '58 recently received his Ph.D. degree from Oklahoma State University. He has joined the staff of the Agricultural and Biological Engineering Department at Mississippi State University, where he will work in the area of soil-water-plant relationships.

Daniel R. Thomas '41 is now employed by the Project Management and Control Division of Booz-Allen and Hamilton Inc. in Chicago.

Lawrence A. Bitterman, Jr. '49 has been promoted to President of the First National Bank of Wilmington, Illinois. He became affiliated with the bank in 1952 as an assistant cashier. Previously, he had been in the lumber business in Joliet.

Gerald Quade '62 recently visited the Department to consult with Professor Jedelev on house remodeling. Gerald is farming near Edgewood. Previously, he was employed by John Deere at Dubuque, Iowa.

Gerald Mundy '65 is with the U.S. Army, stationed at Giessen, Germany. Gerald is qualified as a Redeye Missile repairman; pending the arrival of such equipment, he is in training to become a receiving clerk.

Steve Mundy '67 is serving with the armed forces in Viet Nam.

STAFF NEWS

Dr. D.L. Hoag, M.S. '64, has returned to the University as an Assistant Professor in the Agricultural Engineering Department. Dean recently completed the requirements for a Ph.D. degree at the University of California, Davis. He will be teaching and conducting research in farm power and machinery.

Peter Meiring is a Visiting Senior Lecturer in the Department. He is on the staff at the University of Natal, Republic of South Africa, and holds a B.S. degree in Agricultural Engineering from the University of Pretoria and an M.S. degree from the University of Natal. Peter will be teaching and conducting research in farm structures and power and machinery.

Dr. E.D. Rodda, '51 and '60, has returned to the University of Illinois staff and will be stationed at Uttar Pradesh Agricultural University, Pant Nagar, India, as an Agricultural Engineering Advisor for a two-year period. He will give particular attention to farm machinery in the College and on the 16,000-acre Tarai Farm operated by the University. Errol was previously on the staff of the Department of Agricultural Engineering, University of California, Davis.

Daniel Jovan is a Visiting Fellow in the Department for a six-month period. His fellowship is sponsored by the Food and Agricultural Organization of the United Nations. He is Chief Investigator of the Farm Machinery Research Institute in Budapest, Hungary. Daniel is working with Dr. Siemens on corn and soybean production.

Roger W. Curry '65 recently returned from military service. He is serving as part-time assistant in the power and machinery area while pursuing graduate studies.

Dr. and Mrs. E.F. Olver and Larry visited the Department during the latter part of July. Their oldest son, Tom, will be a University student next year. "Woody" will soon return to the J. Nehru Agricultural University, Jabalpur, M.P., India, to serve his final year as Chief of the University of Illinois party at that institution. He also serves as advisor to the Dean of the College of Agricultural Engineering at JNAU.

ADVANCED DEGREES

Robert D. Carlson '67 received a Master of Science Degree in Agricultural Engineering in June, 1968. He is employed by International Harvester Company at Hinsdale, Illinois.

Robert B. Johnson '66 also received a Master of Science Degree in Agricultural Engineering in June. Bob is an engineering trainee with the Caterpillar Tractor Company in Peoria.

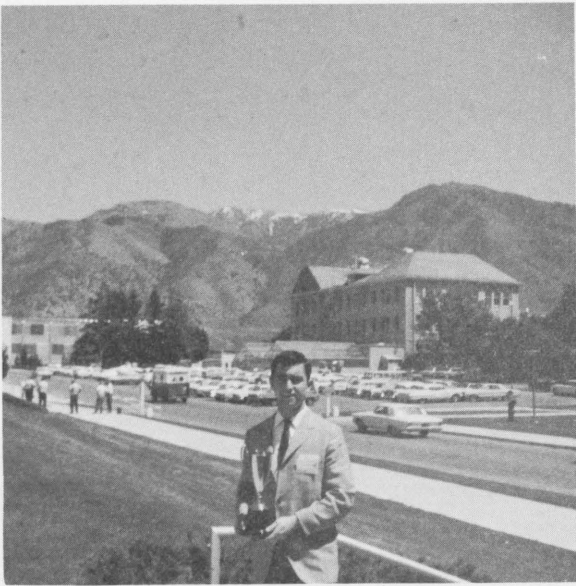
The following men have completed the requirements for Doctor of Philosophy Degrees with a major in Agricultural Engineering:

William E. Larsen, who holds a B.S. degree from the University of Nebraska and an M.M.E. from the University of Delaware. Bill is a member of the staff of the Department of Agricultural Engineering, Montana State University, Bozeman.

Ram A. Rastogi, who holds a Master of Technology Degree from the Indian Institute of Technology. Mr. Rastogi will return to his original post on the staff of the Department of Agricultural Engineering, U.P. Agricultural University in Pant Nagar, India.

STUDENT ACTIVITIES

The Illinois Student Branch of the American Society of Agricultural Engineers was the winner for the third consecutive year in Group A in the 1968 FIEI Trophy Award Competition. This award is made in recognition of outstanding initiative and accomplishment in ASAE Student Branch activities.



Gary Tindall, Chairman of the Illinois FIEI Report Committee, with the first-place trophy, presented at the 61st Annual ASAE Meeting at Utah State University.



Wayne Knepp receiving one of the 1968 Student Honor Award gold keys from Dr. Lanham at the Annual Student Branch Banquet.

Student Honor Awards for 1968 were presented to Gary Klein and Wayne Knepp, in recognition of outstanding scholarship attainment and general participation in student activities. Recipients are elected by the ASAE Student Branch.

AGRICULTURAL ENGINEERING JUNE GRADUATES

Reynold Duree.	Minonk	Sunstrand Corporation, Rockford
Keith Haselhorst	Elmhurst	New Holland Division of Sperry Rand, New Holland, Pennsylvania
Robert Kerr.	Modesto.	Soil Conservation Service (prior to U.S. Air Force)
Jean Rakotomanana.	Snornohyandriana, Madagascar	Returned to Madagascar
Gary Tindall	Milan.	Deere and Company, Moline
Charles Yeagle	Farmer City.	New Idea Division, Avco, Coldwater, Ohio
Richard Baker.	Lerna.	IFYE, India
Alan Compton	Shelbyville.	Military service
Kermit Gettings.	Eldred	Farming
William Henrickson	Leland	Caterpillar Tractor Company, Peoria
James Holmes	Dunlap	U.S. Navy
Russell Koeller.	New Canton	Farming
Terry Lock	Avon	Military service
Darrell Mennenga	Thomasboro	Assistant Manager, Thomasboro Grain Company

AGRICULTURAL MECHANIZATION JUNE GRADUATES (Cont.)

David ReasonBuffalo Prairie.Farming
Jerry Shirley.WashburnMilitary service
Robert WoodsTaylorville.Military service
Ronald Yeagle.Lexington.Del Monte Corporation, Rochelle

Frank B. Lanham